Procedure: Risks Checklist - Software		
Issue Date: May 5, 2000	Procedure ID: S-PE-152	
Supersedes: April 4, 2000	Rev/Change 2.0	

1. Purpose: To identify potential risks for projects involving software.

2. Creating Procedures:

P-PE-150 - Identify Risks

P-PE-010 - Define the Approach

3. Contents:

This is a checklist of potential risks that apply to all projects that involve software development. This checklist is intended to prompt the developers to consider items in areas of risks that they might otherwise overlook.

4. Format:

Following Page

5. Notes: N/A

S-PE-152-020.doc Page 1 of 2

Checklist - Software suggested solutions)	Project ID: Prepared By: Date:
 Are the module interfaces with hardware being developed concurrently with the software? ? ?Implement the module early so that it may be tested with the hardware	
during development. Simulate or understanding of interface and be	
 Does the module have a software into ? ?Make early assignment of technic	erface with an external organization? cal interface responsibility.
 Does the development of other module being evaluated? ? Implement the module early.	ules depend on the availability of the
 Are the algorithms needed to implement the software well understood? ? ?Begin algorithm development and/or testing early. Some prototyping is advisable.	
 searching?	a structure which requires looping or the algorithm. Prototype if appropriate.
 Do the required algorithms have acconsiderations?	
 Are the memory requirements large ? ?Investigate memory usage and ha	relative to the available memory?
 Does the software make heavy dema and/or processing resources? ? Investigate resource usage and ha	· · · · · · · · · · · · · · · · · · ·
 Are there stringent constraints on th	

S-PE-152-020.doc Page 2 of 2